



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 8

Test Date: March 2008
Code: 12221579
SAU: MSAD 28
School: Camden-Rockport Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

<i>Topic</i>	<i>Page</i>
Summary of Scores	2
Summary of Student Participation	3
English Language Arts – Reading Results	4-6
Mathematics Results	7-9
Science and Technology Results	10-12

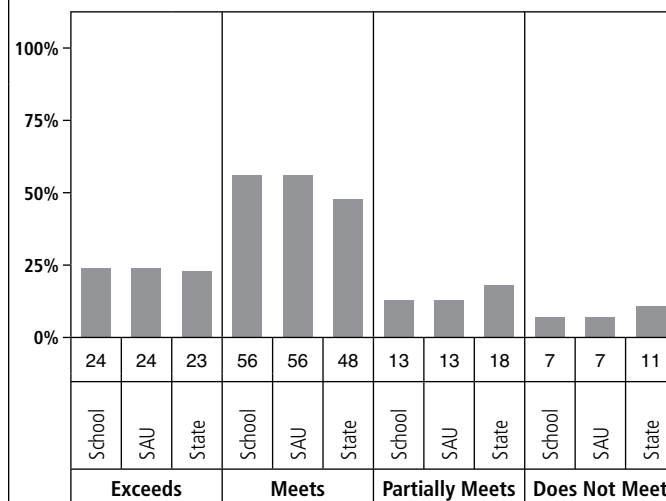
SUMMARY OF SCORES

Test Date: March 2008
Grade: 8
SAU: MSAD 28
School: Camden-Rockport Middle School

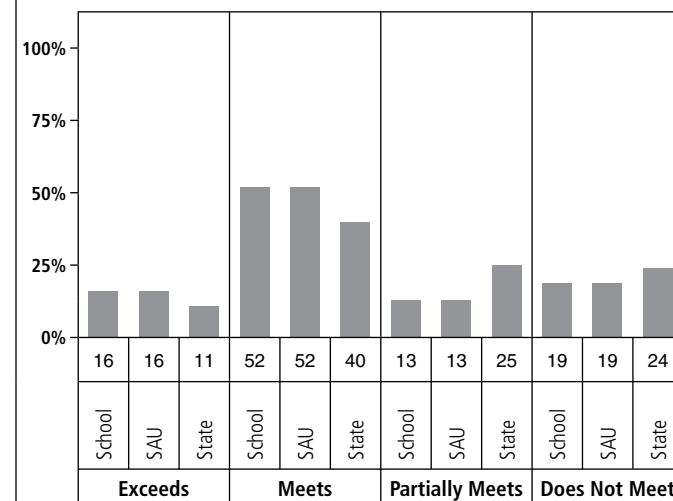
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	852	852	845
2006–2007	852	852	847
2007–2008	852	852	849
Cum. Avg. *	852	852	847
Mathematics			
2005–2006	849	849	840
2006–2007	848	848	842
2007–2008	848	848	841
Cum. Avg. *	848	848	841
Science & Technology			
2005–2006	851	851	846
2006–2007	851	851	847
2007–2008	850	850	847
Cum. Avg. *	851	851	847

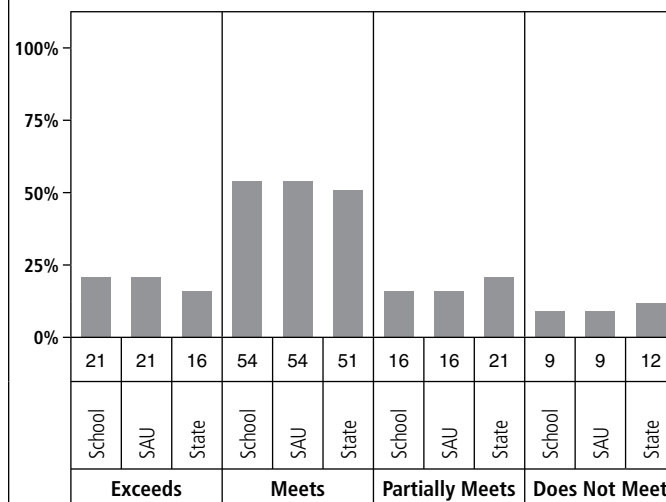
ELA – READING



MATHEMATICS



SCIENCE AND TECHNOLOGY



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
 Grade: 8
 SAU: MSAD 28
 School: Camden-Rockport Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							ELA-Reading						Mathematics						Science and Technology											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	101	100	101	100	15274	100	101	100	101	100	15102	99	101	100	101	100	15097	99	101	100	101	100	15080	99						
Ethnicity African American/Black	1	1	1	1	368	2	1	100	1	100	356	97	1	100	1	100	360	98	1	100	1	100	356	97						
American Indian or Native Alaskan	0	0	0	0	120	1	0	0	0	0	117	98	0	0	0	0	117	98	0	0	0	0	117	98						
Asian or Pacific Islander	0	0	0	0	186	1	0	0	0	0	181	97	0	0	0	0	182	98	0	0	0	0	182	98						
Hispanic	3	3	3	3	139	1	3	100	3	100	136	98	3	100	3	100	136	98	3	100	3	100	136	98						
Caucasian/White	97	96	97	96	14461	95	97	100	97	100	14312	99	97	100	97	100	14302	99	97	100	97	100	14289	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	14	14	14	14	2508	16	14	100	14	100	2446	98	14	100	14	100	2441	98	14	100	14	100	2431	98						
Current LEP	1	1	1	1	327	2	1	100	1	100	316	97	1	100	1	100	322	99	1	100	1	100	322	99						
Economically disadvantaged	14	14	14	14	5420	35	14	100	14	100	5329	99	14	100	14	100	5324	99	14	100	14	100	5313	98						
Migrant	0	0	0	0	7	0	0	0	0	0	7	100	0	0	0	0	7	100	0	0	0	0	7	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science and Technology																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	88	87	88	87	12703	83	87	86	87	86	12694	83	88	87	88	87	12710	83												
Identified disability (PET/IEP)	2	2	2	2	437	3	1	1	1	1	421	3	2	2	2	2	445	4												
LEP	1	1	1	1	172	1	1	1	1	1	172	1	1	1	1	1	173	1												
504 plan	0	0	0	0	229	2	0	0	0	0	231	2	0	0	0	0	230	2												
Participation with accommodations	13	13	13	13	2221	15	14	14	14	14	2227	15	13	13	13	13	2197	14												
Identified disability (PET/IEP)	12	92	12	92	1832	82	13	93	13	93	1844	83	12	92	12	92	1813	83												
LEP	0	0	0	0	136	6	0	0	0	0	143	6	0	0	0	0	142	6												
504 plan	0	0	0	0	68	3	0	0	0	0	66	3	0	0	0	0	66	3												
Other	1	8	1	8	213	10	1	7	1	7	202	9	1	8	1	8	204	9												
Participation through alternate assessment (PAAP)	0	0	0	0	177	1	0	0	0	0	176	1	0	0	0	0	173	1												
Identified disability (PET/IEP)	0	0	0	0	177	100	0	0	0	0	176	100	0	0	0	0	173	100												
LEP	0	0	0	0	7	4	0	0	0	0	7	4	0	0	0	0	7	4												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Approved non-participation in reading – 1st year LEP	0	0	0	0	1	0																								
Approved non-participation – special consideration	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	34	0												
Non-participation – other	0	0	0	0	140	1	0	0	0	0	143	1	0	0	0	0	160	1												

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 8
SAU: MSAD 28
School: Camden-Rockport Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 861–880)	2005-2006	21	23	20	22	2695	17
	2006-2007	30	28	30	28	2407	16
	2007-2008	24	24	24	24	3428	23
	Cum. Total*	75	25	74	25	8530	18
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 841–860)	2005-2006	45	49	44	49	6830	42
	2006-2007	50	46	50	46	7494	49
	2007-2008	57	56	57	56	7179	48
	Cum. Total*	152	50	151	51	21503	46
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 829–840)	2005-2006	21	23	20	22	3741	23
	2006-2007	20	18	20	18	3628	24
	2007-2008	13	13	13	13	2706	18
	Cum. Total*	54	18	53	18	10075	22
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 800–828)	2005-2006	5	5	5	6	3003	18
	2006-2007	9	8	9	8	1810	12
	2007-2008	7	7	7	7	1611	11
	Cum. Total*	21	7	21	7	6424	14

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	38.5	68.8	38.5	68.8	36.9	65.9
Literary Text	28	50	19.1	68.2	19.1	68.2	18.3	65.4
Informational Text	28	50	19.3	68.9	19.3	68.9	18.6	66.4

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 8
 SAU: MSAD 28
 School: Camden-Rockport Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	101	24	24	57	56	13	13	7	7	852	101	24	56	13	7	852	14924	23	48	18	11	849
Ethnicity																						
African American/Black	1										1						348	11	38	22	29	840
American Indian or Native Alaskan	0										0						117	9	43	29	19	842
Asian or Pacific Islander	0										0						179	32	39	18	11	852
Hispanic	3										3						131	18	38	27	17	846
Caucasian/White	97	23	24	56	58	12	12	6	6	852	97	24	58	12	6	852	14149	23	49	18	10	850
Not Reported	0										0						0					
Identified disability																						
Yes	14	0	0	2	14	7	50	5	36	833	14	0	14	50	36	833	2269	3	24	32	42	833
No	87	24	28	55	63	6	7	2	2	855	87	28	63	7	2	855	12655	27	52	16	5	852
Current LEP																						
Yes	1										1						308	8	30	27	34	837
No	100	24	24	56	56	13	13	7	7	852	100	24	56	13	7	852	14616	23	48	18	10	850
Economically disadvantaged																						
Yes	14	2	14	6	43	2	14	4	29	843	14	14	43	14	29	843	5222	12	44	25	19	843
No	87	22	25	51	59	11	13	3	3	853	87	25	59	13	3	853	9702	29	50	14	7	853
Migrant																						
Yes	0										0						7	0	86	0	14	850
No	101	24	24	57	56	13	13	7	7	852	101	24	56	13	7	852	14917	23	48	18	11	849
Gender																						
Female	39	15	38	19	49	3	8	2	5	856	39	38	49	8	5	856	7198	30	48	15	7	853
Male	62	9	15	38	61	10	16	5	8	849	62	15	61	16	8	849	7726	17	49	21	14	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						807	9	41	32	18	842
No	101	24	24	57	56	13	13	7	7	852	101	24	56	13	7	852	14117	24	49	17	10	850
Gifted/talented program																						
Yes	13	9	69	4	31	0	0	0	0	866	13	69	31	0	0	866	592	71	28	1	0	867
No	88	15	17	53	60	13	15	7	8	850	88	17	60	15	8	850	14332	21	49	19	11	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 8
SAU: MSAD 28
School: Camden-Rockport Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	4 40 49 7	0 9 12 2	0 23 24 29	1 23 29 4	25 58 59 57	1 5 6 1	25 13 12 14	2 3 2 0	50 8 4 0	831 852 853 855	4 40 49 7	0 23 24 29	25 58 59 57	25 13 12 14	50 8 4 0	831 852 853 855	9 46 41 5	10 20 28 28	39 50 49 44	24 20 15 15	26 11 7 12	841 849 852 850
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading? A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	23 57 14 6	6 15 2 0	26 27 14 0	14 33 5 4	61 59 36 67	1 7 5 0	4 13 36 0	2 1 2 2	9 2 14 33	854 854 842 843	23 57 14 6	26 27 14 0	61 59 36 67	4 13 36 0	9 2 14 33	854 854 842 843	33 53 11 3	31 21 14 6	48 51 41 34	14 19 25 26	7 9 20 35	853 849 844 836
Which of the following best describes how you rate yourself as a student in reading? A. very good B. good C. fair D. poor	42 45 12 0	15 8 0 0	36 18 0 0	23 28 5 5	55 62 42 67	3 7 3 0	7 16 25 0	1 2 4 2	2 4 33 33	857 851 836 836	42 45 12 0	36 18 0 0	55 62 42 67	7 16 25 0	2 4 33 33	857 851 836 836	31 49 18 2	42 19 5 4	44 54 42 29	8 19 31 32	6 9 22 34	857 849 840 835
How difficult was the reading part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	18 51 32	0 9 13	0 19 43	9 33 12	53 69 40	5 4 3	29 8 10	3 2 2	18 4 7	842 852 857	18 51 32	0 19 43	53 69 40	29 8 10	18 4 7	842 852 857	15 65 19	16 23 30	44 49 49	22 18 14	18 9 8	845 850 852
How difficult were the reading passages on this test? A. Most of the passages were more difficult than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read.	10 39 51	1 7 15	10 19 31	2 23 29	20 62 59	4 4 4	40 11 8	3 3 1	30 8 2	836 851 855	10 39 51	10 19 31	20 62 59	40 11 8	30 8 2	836 851 855	9 53 38	8 17 36	33 51 48	28 21 11	31 11 5	838 848 855
How hard did you try on the reading part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	32 59 8	6 16 1	19 28 13	17 34 4	55 60 50	4 6 1	13 11 13	4 1 2	13 2 25	850 854 845	32 59 8	19 28 13	55 60 50	13 11 13	13 2 25	850 854 845	43 51 6	23 25 9	48 49 43	19 17 24	10 9 23	849 851 842
How much time do you spend reading at home each day? A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home.	16 68 8 8	3 17 1 2	19 25 13 25	10 38 6 2	63 57 75 25	2 9 0 2	13 13 0 25	1 3 1 2	6 4 13 25	852 853 851 842	16 68 8 8	19 25 13 25	63 57 75 25	13 13 0 25	6 4 13 25	852 853 851 842	18 41 13 28	31 28 20 12	47 49 49 47	13 15 18 26	9 7 12 16	852 852 848 844
How do you feel about the following statement? <i>"My knowledge of reading will be useful to me as an adult."</i> A. strongly agree B. agree C. disagree D. strongly disagree	54 40 3 3	18 4 1 0	34 10 33 0	28 26 1 1	53 65 33 33	5 6 1 1	9 15 33 33	2 4 0 1	4 10 0 33	856 848 845 836	54 40 3 3	34 10 33 0	53 65 33 33	9 15 33 33	4 10 0 33	856 848 845 836	43 48 6 2	31 18 11 6	48 50 43 36	14 20 24 32	7 12 21 26	853 848 843 839
Optional school/SAU question A. B. C. D.	50 50 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 1 0 0	0 100 0 0	1 0 0 0	100 0 0 0	816 832 832 832	50 50 0 0	0 0 0 0	0 0 0 0	0 100 0 0	100 0 0 0	816 832 832 832						

MATHEMATICS RESULTS

Test Date:	March 2008
Grade:	8
SAU:	MSAD 28
School:	Camden-Rockport Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 861–880)	2005-2006	15	16	14	16	1714	11
	2006-2007	25	23	25	23	1952	13
	2007-2008	16	16	16	16	1657	11
	Cum. Total*	56	18	55	18	5323	11
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 841–860)	2005-2006	48	52	48	53	5533	34
	2006-2007	53	48	53	48	5870	38
	2007-2008	53	52	53	52	5956	40
	Cum. Total*	154	51	154	51	17359	37
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 829–840)	2005-2006	23	25	21	23	4764	29
	2006-2007	17	15	17	15	3982	26
	2007-2008	13	13	13	13	3729	25
	Cum. Total*	53	17	51	17	12475	27
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 800–828)	2005-2006	7	8	7	8	4251	26
	2006-2007	15	14	15	14	3534	23
	2007-2008	19	19	19	19	3579	24
	Cum. Total*	41	13	41	14	11364	24

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	16	29	10.0	62.5	10.0	62.5	8.4	52.5
Cluster 2: Shape and Size	14	25	7.2	51.4	7.2	51.4	5.9	42.1
Cluster 3: Mathematical Decision Making	8	14	5.5	68.8	5.5	68.8	4.6	57.5
Cluster 4: Patterns	18	32	10.1	56.1	10.1	56.1	8.9	49.4

Cluster 1: Numbers and Operations
 A. Numbers and Number Sense
 B. Computation
 I. Discrete Mathematics (grades 3 and 4 only)

Cluster 2: Shape and Size
 E. Geometry
 F. Measurement

Cluster 3: Mathematical Decision Making
 C. Data Analysis and Statistics
 D. Probability

Cluster 4: Patterns
 G. Patterns, Relations, and Functions
 H. Algebra Concepts
 K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 8
 SAU: MSAD 28
 School: Camden-Rockport Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	101	16	16	53	52	13	13	19	19	848	101	16	52	13	19	848	14921	11	40	25	24	841
Ethnicity																						
African American/Black	1										1						352	2	23	23	52	828
American Indian or Native Alaskan	0										0						117	5	22	33	39	832
Asian or Pacific Islander	0										0						181	24	42	20	14	848
Hispanic	3										3						131	7	34	26	33	836
Caucasian/White	97	16	16	53	55	12	12	16	16	849	97	16	55	12	16	849	14140	11	41	25	23	841
Not Reported	0										0						0					
Identified disability																						
Yes	14	0	0	1	7	3	21	10	71	823	14	0	7	21	71	823	2265	1	14	22	62	824
No	87	16	18	52	60	10	11	9	10	852	87	18	60	11	10	852	12656	13	45	26	17	844
Current LEP																						
Yes	1										1						315	5	24	20	51	828
No	100	16	16	53	53	13	13	18	18	848	100	16	53	13	18	848	14606	11	40	25	23	841
Economically disadvantaged																						
Yes	14	3	21	3	21	4	29	4	29	841	14	21	21	29	29	841	5217	5	30	29	37	834
No	87	13	15	50	57	9	10	15	17	849	87	15	57	10	17	849	9704	15	45	23	17	845
Migrant																						
Yes	0										0						7	0	43	43	14	838
No	101	16	16	53	52	13	13	19	19	848	101	16	52	13	19	848	14914	11	40	25	24	841
Gender																						
Female	39	8	21	23	59	4	10	4	10	852	39	21	59	10	10	852	7199	11	40	26	23	841
Male	62	8	13	30	48	9	15	15	24	845	62	13	48	15	24	845	7722	11	40	24	25	841
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						806	3	20	30	47	831
No	101	16	16	53	52	13	13	19	19	848	101	16	52	13	19	848	14115	12	41	25	23	842
Gifted/talented program																						
Yes	13	7	54	6	46	0	0	0	0	863	13	54	46	0	0	863	592	58	39	2	1	864
No	88	9	10	47	53	13	15	19	22	845	88	10	53	15	22	845	14329	9	40	26	25	840

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 8
SAU: MSAD 28
School: Camden-Rockport Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N													
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	4 40 49 7	0 3 11 2	0 8 22 29	1 23 24 4	25 58 49 57	0 4 8 1	0 10 16 14	3 10 6 0	75 25 12 0	819 846 850 856	4 40 49 7	0 8 22 29	25 58 49 57	0 10 16 14	75 25 12 0	819 846 850 856	9 46 41 5	5 10 14 14	30 40 42 38	23 26 25 23	41 25 19 24	833 840 843 842
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics? A. The questions on the test match what I have learned in mathematics class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	38 44 16 2	11 3 2 0	29 7 13 0	16 31 5 0	42 70 31 0	8 3 2 0	21 7 13 0	3 7 7 2	8 16 44 100	852 848 838 817	38 44 16 2	29 7 13 0	42 70 31 0	21 7 13 0	8 16 44 100	852 848 838 817	30 50 17 4	17 10 6 3	43 42 32 18	22 26 29 25	18 22 33 54	845 841 836 828
Which of the following best describes how you rate yourself as a student in mathematics? A. very good B. good C. fair D. poor	32 51 12 5	11 4 1 0	34 8 8 0	16 34 2 0	50 67 17 0	2 4 6 1	6 8 50 20	3 9 3 4	9 18 25 80	857 846 840 823	32 51 12 5	34 8 8 0	50 67 17 0	6 8 50 20	9 18 25 80	857 846 840 823	26 45 23 5	29 7 1 1	46 46 26 14	14 27 34 29	11 20 38 57	851 841 833 827
How difficult was the mathematics part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	22 59 19	1 5 10	5 9 53	10 39 3	45 67 16	3 7 3	14 12 16	8 7 3	36 12 16	839 849 856	22 59 19	5 9 53	45 67 16	14 12 16	36 12 16	839 849 856	34 52 13	4 10 33	35 43 40	28 26 14	32 21 13	836 842 852
How hard did you try on the mathematics part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	38 59 3	7 8 0	19 14 0	16 35 1	43 60 33	7 5 1	19 9 33	7 10 1	19 17 33	846 849 841	38 59 3	19 14 0	43 60 33	19 9 33	19 17 33	846 849 841	44 50 6	10 13 9	40 42 27	26 24 27	25 21 38	840 843 835
How often do you use laptops in mathematics class? A. almost every day B. two or three days a week C. two or three times each month D. never or almost never	2 11 28 59	0 2 8 6	0 18 29 10	1 3 10 38	50 27 36 64	0 2 5 6	0 18 18 10	1 4 5 9	50 36 18 15	841 839 851 848	2 11 28 59	0 18 29 10	50 27 36 64	0 18 18 10	50 36 18 15	841 839 851 848	9 16 28 48	6 8 12 13	38 38 41 40	27 27 27 23	29 27 21 24	837 839 843 842
How often do you use calculators in mathematics class? A. almost every day B. two or three times a week C. two or three times each month D. never or almost never	66 23 7 4	7 3 5 1	11 13 71 25	34 17 0 1	52 74 0 25	13 0 0 0	20 0 0 0	12 3 2 2	18 13 29 50	846 852 851 845	66 23 7 4	11 13 71 25	52 74 0 25	20 0 0 0	18 13 29 50	846 852 851 845	38 33 18 11	14 10 10 7	42 41 36 34	23 26 27 26	21 23 27 33	843 841 840 836
How do you feel about the following statement? “My knowledge of mathematics will be useful to me as an adult.” A. strongly agree B. agree C. disagree D. strongly disagree	53 40 6 1	12 2 1 0	23 5 17 0	29 20 3 0	56 51 50 0	7 5 0 1	13 13 0 100	4 12 2 0	8 31 33 0	853 842 844 834	53 40 6 1	23 5 17 0	56 51 50 0	13 13 0 100	8 31 33 0	853 842 844 834	54 38 6 2	14 8 6 3	44 36 31 23	23 27 28 25	18 28 36 49	844 838 835 831
Optional school/SAU question A. B. C. D.	50 50 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	1 1 0 0	100 100 0 0	814 824 0 0	50 50 0 0	0 0 0 0	0 0 0 0	0 0 0 0	100 100 0 0	814 824 0 0						

SCIENCE AND TECHNOLOGY RESULTS

Test Date: March 2008
Grade: 8
SAU: MSAD 28
School: Camden-Rockport Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems using the processes of scientific inquiry, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (scaled score 861–880)	2005-2006	14	15	13	14	1879	12
	2006-2007	25	23	25	23	2192	14
	2007-2008	21	21	21	21	2371	16
	Cum. Total*	60	20	59	20	6442	14
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems using the processes of scientific inquiry and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (scaled score 841–860)	2005-2006	59	63	59	66	8604	53
	2006-2007	56	51	56	51	7916	52
	2007-2008	55	54	55	54	7630	51
	Cum. Total*	170	56	170	57	24150	52
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems using scientific inquiry but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (scaled score 831–840)	2005-2006	16	17	14	16	3618	22
	2006-2007	19	17	19	17	3340	22
	2007-2008	16	16	16	16	3175	21
	Cum. Total*	51	17	49	16	10133	22
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and use the skills of scientific inquiry. There are many inaccuracies and explanations are illogical, incomplete, or missing. (scaled score 800–830)	2005-2006	4	4	4	4	2174	13
	2006-2007	9	8	9	8	1865	12
	2007-2008	9	9	9	9	1731	12
	Cum. Total*	22	7	22	7	5770	12

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Life Sciences	14	25	8.5	60.7	8.5	60.7	8.1	57.9
Cluster 2: Physical Sciences	14	25	7.5	53.6	7.5	53.6	7.3	52.1
Cluster 3: Earth and Space Sciences	14	25	8.4	60.0	8.4	60.0	7.7	55.0
Cluster 4: Nature and Implications of Science	14	25	9.0	64.3	9.0	64.3	8.5	60.7

Cluster 1: Life Sciences

- A. Classifying Life Forms
- B. Ecology
- C. Cells

Cluster 2: Physical Sciences

- E. Structure of Matter
- H. Energy
- I. Motion

Cluster 3: Earth and Space Sciences

- D. Continuity and Change
- F. The Earth
- G. The Universe

Cluster 4: Nature and Implications of Science

- J. Inquiry and Problem Solving
- K. Scientific Reasoning
- L. Communication
- M. Implications of Science & Technology

Each content standard in the clusters shown is defined in Maine’s 1997 *Learning Results*, which are the basis for science and technology Grade Span Expectations. Each item on the MEA measures a grade span expectation, which can be found at <http://www.maine.gov/education/lslat/gles.htm>.

SCIENCE AND TECHNOLOGY RESULTS

(CONTINUED)

Test Date: March 2008
Grade: 8
SAU: MSAD 28
School: Camden-Rockport Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	101	21	21	55	54	16	16	9	9	850	101	21	54	16	9	850	14907	16	51	21	12	847
Ethnicity																						
African American/Black	1										1						349	4	35	26	34	837
American Indian or Native Alaskan	0										0						117	8	40	28	24	840
Asian or Pacific Islander	0										0						181	20	50	15	15	849
Hispanic	3										3						131	5	50	22	23	842
Caucasian/White	97	21	22	53	55	15	15	8	8	850	97	22	55	15	8	850	14129	16	52	21	11	848
Not Reported	0										0						0					
Identified disability																						
Yes	14	0	0	3	21	5	36	6	43	834	14	0	21	36	43	834	2258	3	29	31	37	836
No	87	21	24	52	60	11	13	3	3	853	87	24	60	13	3	853	12649	18	55	20	7	850
Current LEP																						
Yes	1										1						315	4	29	25	42	834
No	100	21	21	55	55	15	15	9	9	850	100	21	55	15	9	850	14592	16	52	21	11	848
Economically disadvantaged																						
Yes	14	1	7	8	57	1	7	4	29	843	14	7	57	7	29	843	5206	8	45	28	20	842
No	87	20	23	47	54	15	17	5	6	851	87	23	54	17	6	851	9701	20	55	18	7	850
Migrant																						
Yes	0										0						7	29	57	14	0	852
No	101	21	21	55	54	16	16	9	9	850	101	21	54	16	9	850	14900	16	51	21	12	847
Gender																						
Female	39	7	18	23	59	7	18	2	5	850	39	18	59	18	5	850	7196	14	52	23	12	847
Male	62	14	23	32	52	9	15	7	11	850	62	23	52	15	11	850	7711	18	51	20	12	848
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						804	6	38	34	22	841
No	101	21	21	55	54	16	16	9	9	850	101	21	54	16	9	850	14103	16	52	21	11	848
Gifted/talented program																						
Yes	13	10	77	2	15	0	0	1	8	865	13	77	15	0	8	865	592	63	35	1	0	865
No	88	11	13	53	60	16	18	8	9	848	88	13	60	18	9	848	14315	14	52	22	12	847

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE AND TECHNOLOGY RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 8
SAU: MSAD 28
School: Camden-Rockport Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%		
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	4 40 49 7	0 8 12 1	0 20 24 14	1 24 27 2	25 60 55 29	1 3 9 3	25 8 18 43	2 5 1 1	50 13 2 14	830 850 853 845	4 40 49 7	0 20 24 14	25 60 55 29	25 8 18 43	50 13 2 14	830 850 853 845	9 46 41 5	10 14 19 19	40 52 53 47	26 22 19 21	23 12 9 14	842 847 849 848
How well do the questions that you have just been given on this MEA test match what you have learned in school about science? A. The questions on the test match what I have learned in science class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	20 56 20 3	5 13 2 1	25 24 10 33	10 28 13 1	50 51 65 33	3 10 3 0	15 18 15 0	2 4 2 1	10 7 10 33	848 852 849 845	20 56 20 3	25 24 10 33	50 51 65 33	15 18 15 0	10 7 10 33	848 852 849 845	29 49 18 5	19 16 13 9	54 51 51 39	19 22 23 29	9 11 13 23	849 848 846 842
Which of the following best describes how you rate yourself as a student in science? A. very good B. good C. fair D. poor	31 60 9 0	11 10 0 0	37 17 0 0	13 35 4 0	43 59 44 0	2 11 3 0	7 19 33 0	4 3 2 0	13 5 22 0	852 851 839 0	31 60 9 0	37 17 0 0	43 59 44 0	7 19 33 0	13 5 22 0	852 851 839 0	23 54 20 3	28 15 5 2	51 55 45 35	13 21 32 34	8 9 18 29	853 848 842 838
How difficult was the science part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	18 67 14	0 17 4	0 26 29	9 36 7	50 55 50	5 11 0	28 17 0	4 2 3	22 3 21	843 852 848	18 67 14	0 26 29	50 55 50	28 17 0	22 3 21	843 852 848	27 59 13	15 15 21	49 53 51	22 22 18	14 10 10	846 848 850
How hard did you try on the science part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	32 60 8	8 11 2	25 19 25	13 37 3	41 63 38	7 8 1	22 14 13	4 3 2	13 5 25	848 852 845	32 60 8	25 19 25	41 63 38	22 14 13	13 5 25	848 852 845	40 55 5	15 17 12	51 53 41	22 21 25	12 10 22	847 848 843
Which courses do you plan to take before you graduate from high school? A. earth and space science and/or biology B. the course(s) described in A, plus chemistry C. the course(s) described in B, plus physics D. a life science and physical science class	33 24 28 15	4 4 13 0	13 17 48 0	15 18 12 7	47 75 44 47	11 1 0 4	34 4 0 27	2 1 2 4	6 4 7 27	846 851 859 842	33 24 28 15	13 17 48 0	47 75 44 47	34 4 0 27	6 4 7 27	846 851 859 842	25 24 22 29	11 18 30 8	53 53 47 52	23 20 14 27	13 10 8 14	846 849 853 844
How do you feel about the following statement? <i>“My knowledge of science and technology will be useful to me as an adult.”</i> A. strongly agree B. agree C. disagree D. strongly disagree	21 66 12 1	4 14 3 0	19 22 25 0	13 35 5 0	62 54 42 0	1 13 2 0	5 20 17 0	3 3 2 1	14 5 17 100	852 850 848 824	21 66 12 1	19 22 25 0	62 54 42 0	5 20 17 0	14 5 17 100	852 850 848 824	27 54 15 4	23 15 10 7	51 53 50 39	17 21 26 30	9 11 14 24	851 847 845 841
How well does the following statement reflect your future goals? <i>“I am interested in a career related to science, technology, engineering, or mathematics.”</i> A. strongly agree B. agree C. disagree D. strongly disagree	20 42 26 12	3 8 7 3	15 20 28 25	13 21 12 6	65 51 48 50	2 8 5 1	10 20 20 8	2 4 1 2	10 10 4 17	851 850 850 850	20 42 26 12	15 20 28 25	65 51 48 50	10 20 20 8	10 10 4 17	851 850 850 850	25 37 26 12	24 15 12 8	52 50 53 48	15 22 23 28	8 12 12 15	851 847 846 844
Optional school/SAU question A. B. C. D.	50 50 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	1 1 0 0	100 100 0 0	800 828 0 0	50 50 0 0	0 0 0 0	0 0 0 0	0 0 0 0	100 100 0 0	800 828 0 0						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number